## SEQUENCE LISTING

	SEQUENCE LISTING												
•	<pre>&lt;110&gt; Myriad Genetics, Inc. Cimbora, Daniel M. Heichman, Karen Bartel, Paul L.</pre>												
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	<130> 2318-290-II												
	<150> US 60/259,572 <151> 2001-01-04												
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	gagacataca gacaagaaag gcaaactcac c atg gcc tcc acc aat gca gag Met Ala Ser Thr Asn Ala Glu $1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	172											
	age cag ctc cag aga atc atc cga gac ttg caa gat gct gtg aca gaa Ser Gln Leu Gln Arg Ile Ile Arg Asp Leu Gln Asp Ala Val Thr Glu $16 \\ 20 \\$	220											
	cta agc aaa gaa ttt cag gaa gca ggg gaa ccc atc acg gat gac agc Leu Ser Lys Glu Phe Gln Glu Ala Gly Glu Pro Ile Thr Asp Asp Ser 25	268											

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acc Thr 40	agc Ser	ttg Leu	cat His	aaa Lys	ttt Phe 45	tct Ser	tat Tyr	aaa Lys	ctt Leu	gag Glu 50	tat Tyr	ctc Leu	ctg Leu	caa Gln	ttt Phe 55	316
gat Asp	cag Gln	aaa Lys	gag Glu	aag Lys 60	gcc Ala	acc Thr	ctc Leu	ctg Leu	ggc Gly 65	aac Asn	aag Lys	aag Lys	gac Asp	tac Tyr 70	tgg Trp	364
gat Asp	tac Tyr	ttc Phe	tgt Cys 75	gcc Ala	tgc Cys	ctg Leu	gcc Ala	aag Lys 80	gtg Val	aaa Lys	gga Gly	gcc Ala	aat Asn 85	gat Asp	ggg Gly	412
atc Ile	cgc Arg	ttt Phe 90	gtc Val	aag Lys	tct Ser	atc Ile	tca Ser 95	gag Glu	ctc Leu	cga Arg	aca Thr	tcc Ser 100	ttg Leu	ggg Gly	aaa Lys	460
gga Gly	aga Arg 105	gca Ala	ttt Phe	att Ile	ege Arg	tac Tyr 110	tcc Ser	ttg Leu	gtg Val	cac His	cag Gln 115	agg Arg	ttg Leu	gca Ala	gac Asp	508
acc Thr 120	tta Leu	cag Gln	cag Gln	tgc Cys	ttc Phe 125	atg Met	aac Asn	acc Thr	aaa Lys	gtg Val 130	acc Thr	agt Ser	gac Asp	tgg Trp	tac Tyr 135	556
tat Tyr	gca Ala	aga Arg	agc Ser	ccc Pro 140	ttt Phe	ctg Leu	cag Gln	cca Pro	aag Lys 145	ctg Leu	agc Ser	tcg Ser	gac Asp	att Ile 150	gtg Val	604
ggc Gly	caa Gln	ctc Leu	tat Tyr 155	gag Glu	ctg Leu	act Thr	gag Glu	gtt Val 160	cag Gln	ttt Phe	gac Asp	ctg Leu	gcg Ala 165	tcg Ser	agg Arg	652
ggc Gly	ttt Phe	gac Asp	Leu	gat Asp	gct Ala	gcc Ala	tgg Trp 175	cca Pro	aca Thr	ttt Phe	gcc Ala	agg Arg 180	Arg	acg Thr	ctg Leu	700
acc Thr	act Thr 185	: Gl <sub>3</sub>	tct Ser	tct Ser	gct Ala	tac Tyr 190	ctg Leu	tgg Trp	aaa Lys	ccc Pro	Pro 195	ser	ege Arg	agc Ser	tcc Ser	748
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tc: Se:	aac Asi	tti n Phe	gad a Asp	ctg Leu 220	. Asn	agc Ser	Pro	cta Leu	aac Asr 225	n Asr	gaq Glu	g gca ı Ala	ttg Leu	gaq Glu 230	ggc Gly	844
tt! Ph	gat As	t ga p Gl	g ato u Met 235	: Arg	cta Leu	gag Glu	cto Leu	gac Asp 240	) GTI	g tto n Leu	g gad 1 Gl	g gto ı Val	g cgg L Arc 245	9 670	g aag 1 Lys	892
ca Gl:	g ct. n Le	a cg u Ar 25	g Gl	g ege u Arg	atg Met	cag Glr	G1r 255	ı Leı	g gao 1 Asj	e aga p Arq	a ga g Gl	g aad u Asm 260	ı GII	g gaq n Gli	g ctg 1 Leu	940
ag Ar	g gc g Al 26	a Al	t gt a Va	c ago 1 Sei	c caç r Glr	g caa n Glr 270	ı GI	g gaq y Gli	g ca ı Gl	a cto n Le	g ca a Gl 27	11 111.	a gaq r Glu	g ago	g gag g Glu	988
ag Ar 28	g Gl	g cg y Ar	c ac g Th	t gca r Ala	a gcg a Ala 285	a Glu	g ga ı Ası	c aa o As:	e gt n Va	t cg 1 Ar 29	g Le	c ac u Th	t tge r Cy:	s tt	g gta u Val 295	1036

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	gag Glu															108	3 4
	aag Lys															113	32
	aag Lys															118	30
ctg Leu	cag Gln 345	ccc Pro	ttg Leu	gca Ala	cag Gln	gag Glu 350	ctt Leu	gag Glu	gcc Ala	aca Thr	cgg Arg 355	gac Asp	tca Ser	ctg Leu	gac Asp	122	28
	aaa Lys															12	76
	cag Gln															13	24
	ccc Pro															13	72
caa Gln	gcc Ala	cta Leu 410	gaa Glu	agg Arg	gag Glu	aga Arg	acc Thr 415	aag Lys	gtc Val	gag Glu	gag Glu	gtc Val 420	aac Asn	aga Arg	cag Gln	14:	20
cag Gln	agt Ser 425	gcc Ala	caa Gln	ctg Leu	gaa Glu	cag Gln 430	ctg Leu	gtc Val	aag Lys	gag Glu	ctt Leu 435	cag Gln	ctg Leu	aaa Lys	gag Glu	14	68
	gcc Ala															15	16
	gag Glu															15	64
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	g <b>ag</b> Glu															16	33
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Glu Pro Ile Thr Asp Asp Ser Thr Ser Leu His Lys Phe Ser Tyr Lys Leu Glu Tyr Leu Leu Gln Phe Asp Gln Lys Glu Lys Ala Thr Leu Leu 50 55 60 Gly Asn Lys Lys Asp Tyr Trp Asp Tyr Phe Cys Ala Cys Leu Ala Lys Val Lys Gly Ala Asn Asp Gly Ile Arg Phe Val Lys Ser Ile Ser Glu Leu Arg Thr Ser Leu Gly Lys Gly Arg Ala Phe Ile Arg Tyr Ser Leu Val His Gln Arg Leu Ala Asp Thr Leu Gln Gln Cys Phe Met Asn Thr Lys Val Thr Ser Asp Trp Tyr Tyr Ala Arg Ser Pro Phe Leu Gln Pro Lys Leu Ser Ser Asp Ile Val Gly Gln Leu Tyr Glu Leu Thr Glu Val 145 150 155 160 Gln Phe Asp Leu Ala Ser Arg Gly Phe Asp Leu Asp Ala Ala Trp Pro Thr Phe Ala Arg Arg Thr Leu Thr Thr Gly Ser Ser Ala Tyr Leu Trp Lys Pro Pro Ser Arg Ser Ser Ser Met Ser Ser Leu Val Ser Ser Tyr Leu Gln Thr Gln Glu Met Val Ser Asn Phe Asp Leu Asn Ser Pro Leu Asn Asn Glu Ala Leu Glu Gly Phe Asp Glu Met Arg Leu Glu Leu Asp Gln Leu Glu Val Arg Glu Lys Gln Leu Arg Glu Arg Met Gln Gln Leu Asp Arg Glu Asn Gln Glu Leu Arg Ala Ala Val Ser Gln Gln Gly Glu Gln Leu Gln Thr Glu Arg Glu Arg Gly Arg Thr Ala Ala Glu Asp Asn 275 280 285 Val Arg Leu Thr Cys Leu Val Ala Glu Leu Gln Lys Gln Trp Glu Val 290 295 300 Thr Gln Ala Thr Gln Asn Thr Val Lys Glu Leu Gln Thr Cys Leu Gln Gly Leu Glu Leu Gly Ala Ala Glu Lys Glu Glu Asp Tyr His Thr Ala 325 330 335 Leu Arg Arg Leu Glu Ser Met Leu Gln Pro Leu Ala Gln Glu Leu Glu Ala Thr Arg Asp Ser Leu Asp Lys Lys Asn Gln His Leu Ala Ser Phe 360

Pro Gly Trp Leu Ala Met Ala Gln Gln Lys Ala Asp Thr Ala Ser Asp 370 380

Thr Lys Gly Arg Gln Glu Pro Ile Pro Ser Asp Ala Ala Gln Glu Met 385  $\phantom{\bigg|}$  390  $\phantom{\bigg|}$  395  $\phantom{\bigg|}$  400

Gln Glu Leu Gly Glu Lys Leu Gln Ala Leu Glu Arg Glu Arg Thr Lys  $405 \hspace{1.5cm} 410 \hspace{1.5cm} 415 \hspace{1.5cm}$ 

Val Glu Glu Val Asn Arg Gln Gln Ser Ala Gln Leu Glu Gln Leu Val  $420 \hspace{1.5cm} 425 \hspace{1.5cm} 430 \hspace{1.5cm}$ 

Lys Glu Leu Gln Leu Lys Glu Asp Ala Arg Ala Ser Leu Glu Arg Leu 435 440 445

Val Lys Glu Met Ala Pro Leu Gln Glu Glu Leu Ser Gly Lys Gly Gln  $450 \ \ \,$  455  $\ \ \,$  460

Glu Ala Asp Gln Leu Trp Arg Arg Leu Gln Glu Leu Leu Ala His Thr 465 470 475 480

Ser Ser Trp Glu Glu Leu Ala Glu Leu Arg Arg Glu Lys  ${485} \\$